CE-02 – PARTICULATE CONTROL EQUIPMENT: BAGHOUSE OR FABRIC FILTER

State Form 51953 (10-04)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM - Office of Air Quality - Permits Branch
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Http://www.IN.gov/idem/air/permits/index.html

NOTES:

- The purpose of CE-02 is to identify all the parameters that describe the baghouse or fabric filter. This is a required form.
- Complete this form once for each baghouse or fabric filter (or once for each set of identical baghouses or fabric filters).
- Detailed **instructions** for this form are available online at http://www.IN.gov/idem/air/permits/apps/instructions/ce02instructions.html.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

FOR OFFICE USE ONLY

PERMIT NUMBER:

PART A: Identification and Description of Control Equipment

Part A is intended to identify the particulate control device and to describe its physical properties.

1. Control Equipment ID:			
2. Installation Date:			
3. Bags or Cartridges?	☐ Bags ☐ Cartridges		
4. Filter Material:			
5. Bag/Cartridge Dimensions (ft):	A. Length:	B. Diameter:	C. Surface Area:
6. Bag/Cartrtidge Orientation:	☐ Vertical ☐ Horizontal		
7. Number of Bags/Cartridges per Compartment:			
8. Number of Compartments:			
9. Mode of Operation:	☐ Intermittent ☐ Periodic ☐ Continuous		
10. Cleaning Method:	☐ Shaking ☐ Reverse Pulse ☐ Reverse Air ☐ Jet Pulse		
11. Cleaning Cycle / Frequency:			
12. Is a bag break detector installed on this device?	☐ Yes ☐ No		
13. Type / Description of Bag Break Detector:			

PART B: Operational Parameters

Part B is intended to provide the operational parameters of the particulate control device and the pollutant laden gas stream. Appropriate units must be included if the standard units are not used.

14. Gas Stream Flow Rate (acfm):	A. Inlet:	B. Outlet:	C. Differential:
15. Gas Stream Temperature (°F):	A. Inlet:	B. Outlet:	C. Differential:
16. Gas Stream Pressure (in H_2O):	A. Inlet:	B. Outlet:	C. Differential:
17. Pollutant Concentration (gr/dscf):	A. Inlet:	B. Outlet:	C. Differential:
18. Moisture Content (%):	A. Inlet:	B. Outlet:	C. Differential:
19. Particle Size Range (µm):			
20. Air to Cloth Ratio:			
21. Capture Efficiency (%):			
22. Control Efficiency (%):			
23. Is lime injection used on this device?	☐ Yes ☐ No		
24. Is carbon injection used on this device?	☐ Yes ☐ No		

PART C: Monitoring, Record Keeping, & Testing Procedures

Part C is intended to identify any existing or proposed monitoring, record keeping, & testing procedures that may need to be included in the permit.

25. Item(s) Monitored:				
26. Monitoring Frequency:				
27. Item(s) Recorded:				
28. Record Keeping Frequency:				
29. Pollutant(s) Tested:				
30. Test Method(s):				
31. Testing Frequency:				

PART D: Preventive Maintenance Plan

Part D is intended to verify that a complete Preventive Maintenance Plan (PMP) has been prepared for the control device. Use this table as a checklist to ensure that the PMP is complete. Attach the completed PMP to this application.

☐	**32.** Identification of the individual(s) responsible for inspecting, maintaining and repairing emission control devices.
☐	**33.** Description of the items or conditions that will be inspected.
☐	**34.** Schedule for inspection of items or conditions described above.
☐	**35.** Identification and quantification of the replacement parts which will be maintained in inventory for quick replacement.
☐	**36.** Preventive Maintenance Plan attached.

PART E: Determination of Integral Control

Part E is intended to determine whether the control device should be considered integral to the process.

37. Has IDEM already made an integral control determination for this device? ☐ No ☐ Yes

If "Yes", provide the following:

Permit Number: Issuance Date: Determination: ☐ Integral ☐ Not Integral

38. Is this device integral to the process? ☐ No ☐ Yes

If “Yes”, provide the reason(s) why the device is integral.